

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027718**Date Inspected:** 06-Jun-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** jobsite**CWI Name:** William Sherwood**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

At the start of the shift this Quality Assurance Inspector (QA) traveled to the SAS project site and observed the work and the inspection performed by American Bridge/Fluor Enterprises (AB/F) welding and Quality Control (QC) personnel. The observations and inspections were performed as noted below:

OBG Suspender Brackets West

This QAI observed the welding on stiffeners x464-12B of the east side of Suspender Bracket PPE-104W. The welding was being performed by Eric Sparks in the 3G and 4G position using the Shield Metal Arc Welding (SMAW) Process at 122 amps using an E7018H4R consumable electrode.

OBG West Drop-In Splice 13W-14W

QAI observed the welding of the back gouged backside of weld joint 13W-14W-A2.8. The welding was being performed by Jeremy Dolman (ID#5042) in the 4G position using the Shield Metal Arc Welding (SMAW) Process at 130 amps using an E7018H4R consumable electrode.

This QAI observed the welding of the back gouged backside of weld joint 13W-14W-A2.8. The welding was being performed by Welder Rory in the 4G position using the Shield Metal Arc Welding (SMAW) Process at 123 amps using an E7018H4R consumable electrode.

QAI observed the welding of the back gouged backside of weld joint 13W-14W-A2.1. The welding was being

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

performed by Michael Jimenez in the 4G position using the Shield Metal Arc Welding (SMAW) Process at 128 amps using an E7018H4R consumable electrode.

Summary of Conversations:

There were general conversations with Quality Control Inspector William Sherwood, at the start of the shift regarding the location of welding, inspection personnel scheduled for this shift.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy 510 385 5910, who represents the Office of Structural Materials for your project.

Inspected By:	Daggett,Matt	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
